

**UNION
CARBIDE**

NUCLEAR DIVISION

INTERNAL CORRESPONDENCE

March 16, 1983

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Radioactive Effluent Data

Radioactive effluent data for each Nuclear Division facility were transmitted to DOE by Mr. Hibbs' letter of March 14, 1983. These data were provided in accordance with the requirements set forth in DOE Order 5484.1 and consisted of summary information and data forms for subsequent transfer of the data to computer cards. A summary of total releases by facility is attached for your information and consideration.

R. G. Jordan
R. G. Jordan, 9704-2, MS-21, Y-12

RGJ:cm

Attachment

cc/att: P. C. Fourney, 9704-2, MS-5, Y-12
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File - RGJ - NoRC

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This document has been approved for release
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Kevin S. Quinn
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Oak Ridge K-25 Site

3/28/95
Date

K-25 HEALTH AND SAFETY DIVISION
Document Management
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Radioactive Effluent Releases

1981 - 1982

Liquid			Gaseous		
	1981	1982		1981	1982
<u>ORNL</u>					
Cs-137	0.23 Ci	1.45 Ci	I-131	< 0.5 Ci	< 0.13 Ci
Co-60	0.66 Ci	0.96 Ci	Xe-133	< 32,400 Ci	< 57,100 Ci
H-3	2,880 Ci	5,370 Ci	Kr-85	< 6,600 Ci	< 11,740 Ci
I-131	0.04 Ci	0.06 Ci	H-3	11,300 Ci	19,000 Ci
Ru-106	0.1 Ci	0.21 Ci	UN-ID-Alpha*	< 7.8 x 10 ⁻⁸ Ci	< 2.67 x 10 ⁻⁶ Ci
Sr-90	1.51 Ci	2.74 Ci			
Transuranics	0.04 Ci	0.034 Ci			
<u>ORGDP</u>					
U	544 Kg	113 Kg	U	2.5 Kg	1.8 Kg
Tc-99	3.5 Ci	1.7 Ci	Tc-99	0.04 Ci	0.025 Ci
NP-237	2.1 x 10 ⁻³ Ci	1.9 x 10 ⁻³ Ci	Kr-85	25 Ci	ND**
<u>PGDP</u>					
U	305 Kg	172 Kg	U	119 Kg	305 Kg
Tc-99	2.8 Ci	0.72 Ci	Tc-99	0.006 Ci	0.009 Ci
<u>Y-12</u>					
U	368 Kg	636 Kg	U	1.8 Kg	1.9 Kg
Th-232	72 Kg	82 Kg			

*Unidentified alpha emitters

**None Detected

This document has been reviewed for
classification and has been determined to
be UNCLASSIFIED.

J. H. Ingram
ADC Signature

3/23/95
Date